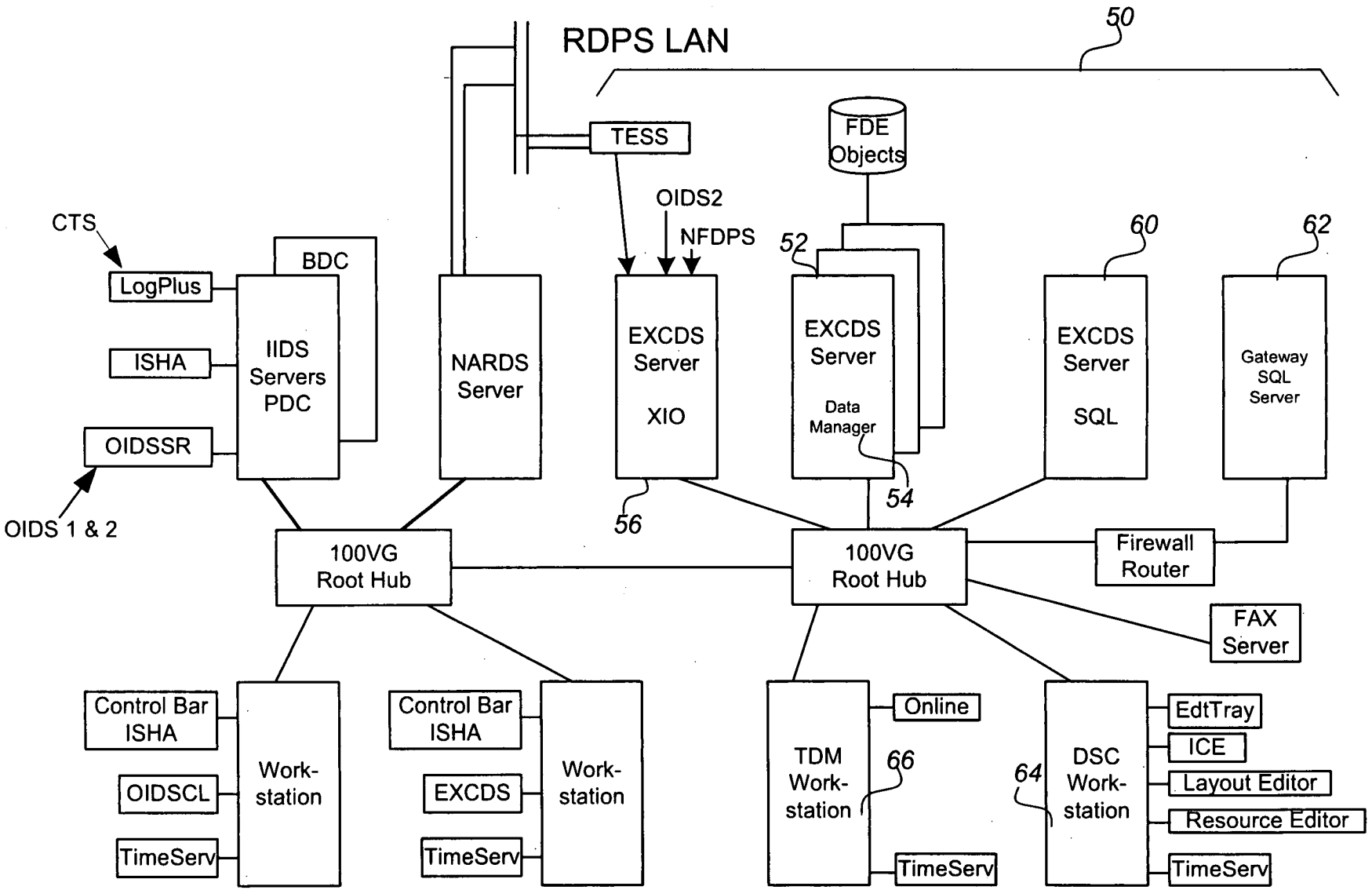
RDPS LAN
50
TESS
FDE Objects
OIDS2
NFDPS
CTS
BDC
LogPlus
ISHA
OIDSSR
IIDS Servers PDC
NARDS Server
EXCDS Server XIO
52
EXCDS Server Data Manager
54
60
EXCDS Server SQL
62
Gateway SQL Server
OIDS 1 & 2
56
100VG Root Hub
100VG Root Hub
Firewall Router
FAX Server
Control Bar ISHA
OIDSCL
TimeServ
Work-station
Control Bar ISHA
EXCDS
TimeServ
Work-station
TDM Work-station
66
Online
TimeServ
64
DSC Work-station
EdtTray
ICE
Layout Editor
Resource Editor
TimeServ

Fig. 1

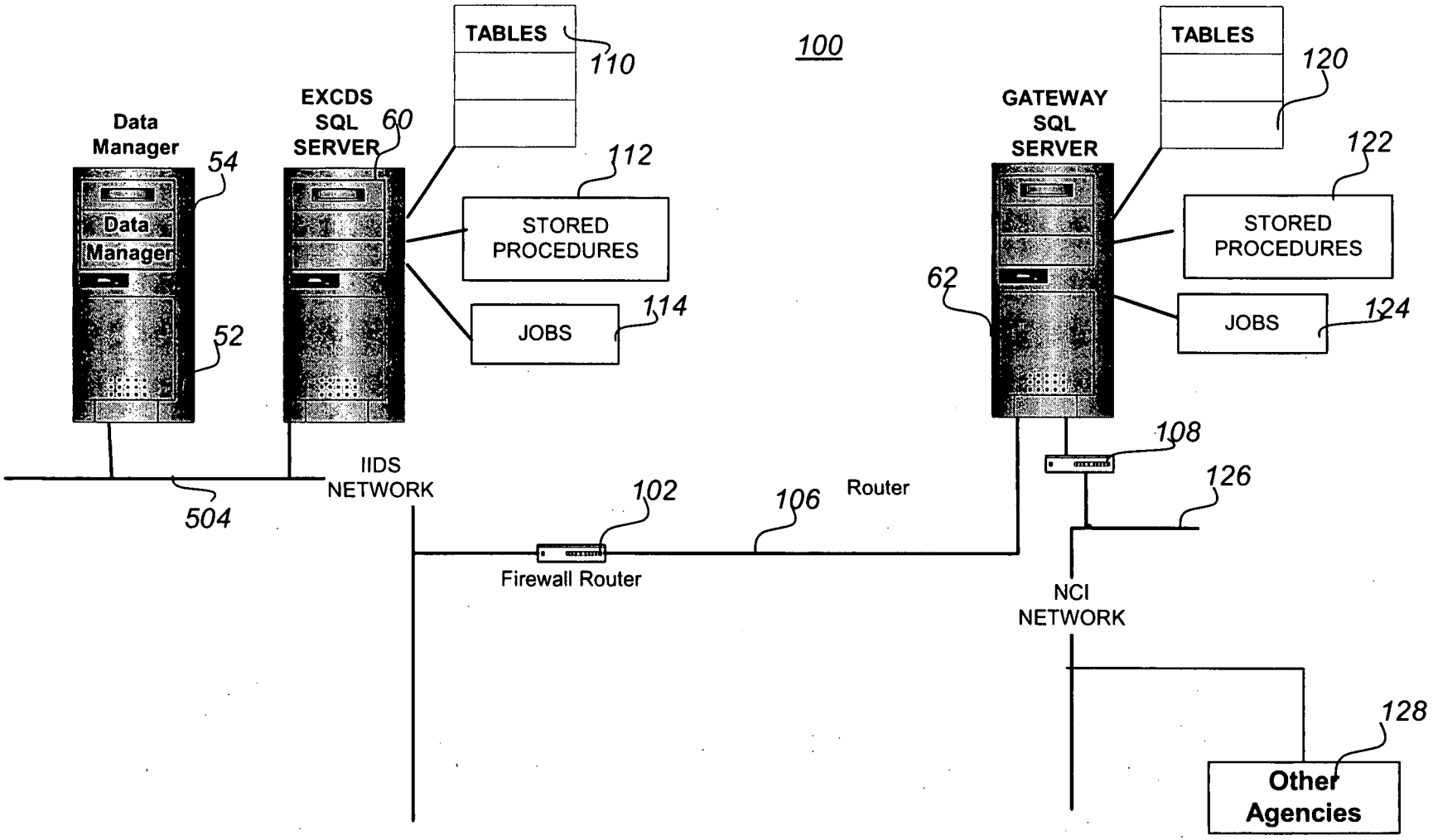
100
TABLES
110
EXCDS
SQL
SERVER
60
Data
Manager
54
Data
Manager
52
STORED
PROCEDURES
112
JOBS
114
TABLES
120
GATEWAY
SQL
SERVER
62
STORED
PROCEDURES
122
JOBS
124
108
126
IIDS
NETWORK
504
102
106
Router
Firewall Router
NCI
NETWORK
128
Other
Agencies

Fig. 2

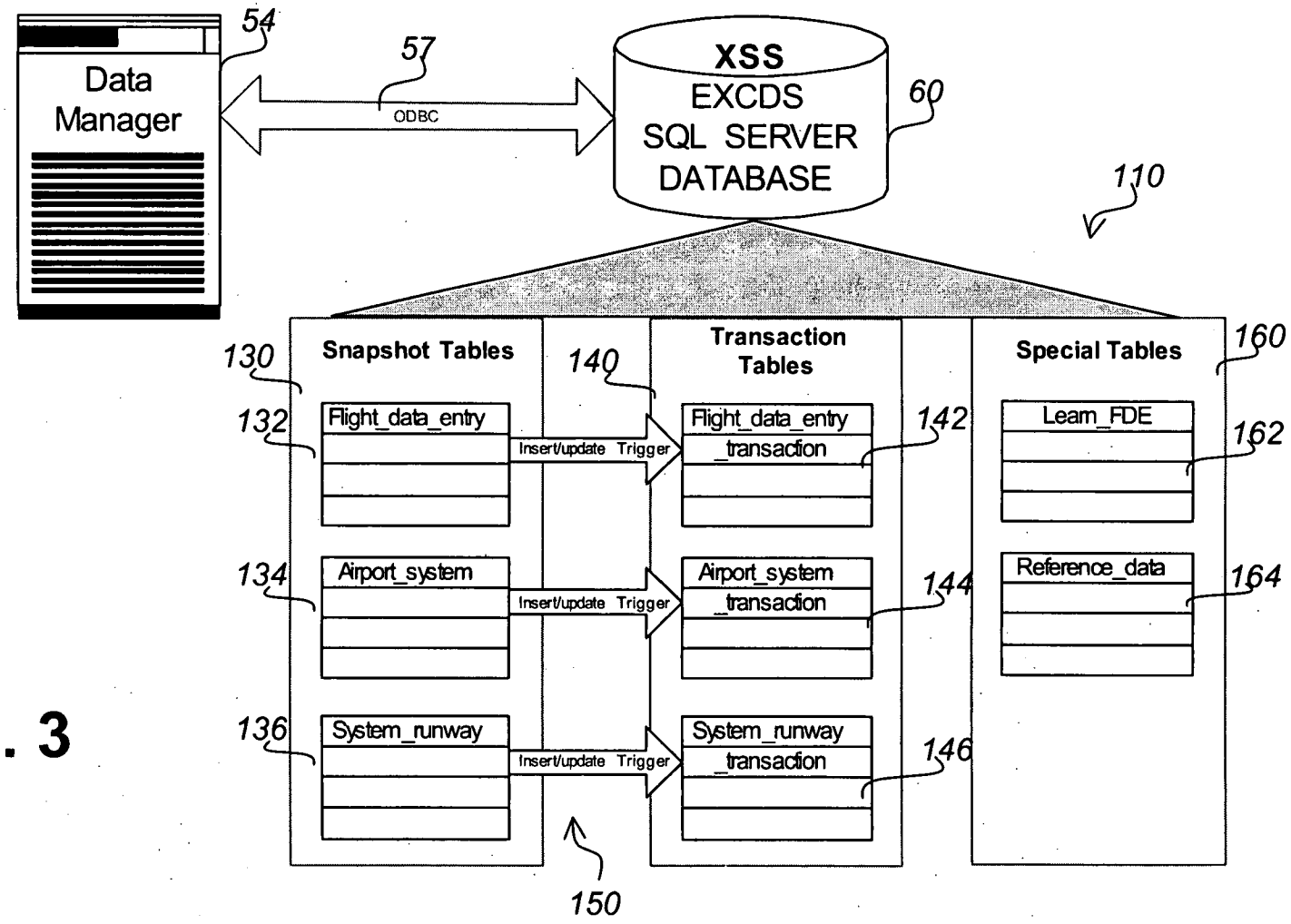
Data Manager
54
57
ODBC
XSS
EXCDS
SQL SERVER
DATABASE
60
110
Snapshot Tables
130
132
Flight_data_entry
134
Airport_system
136
System_runway
140
Insert/update Trigger
Insert/update Trigger
Insert/update Trigger
Transaction Tables
Flight_data_entry _transaction
142
Airport_system _transaction
144
System_runway _transaction
146
Special Tables
160
Learn_FDE
162
Reference_data
164
150

Fig. 3

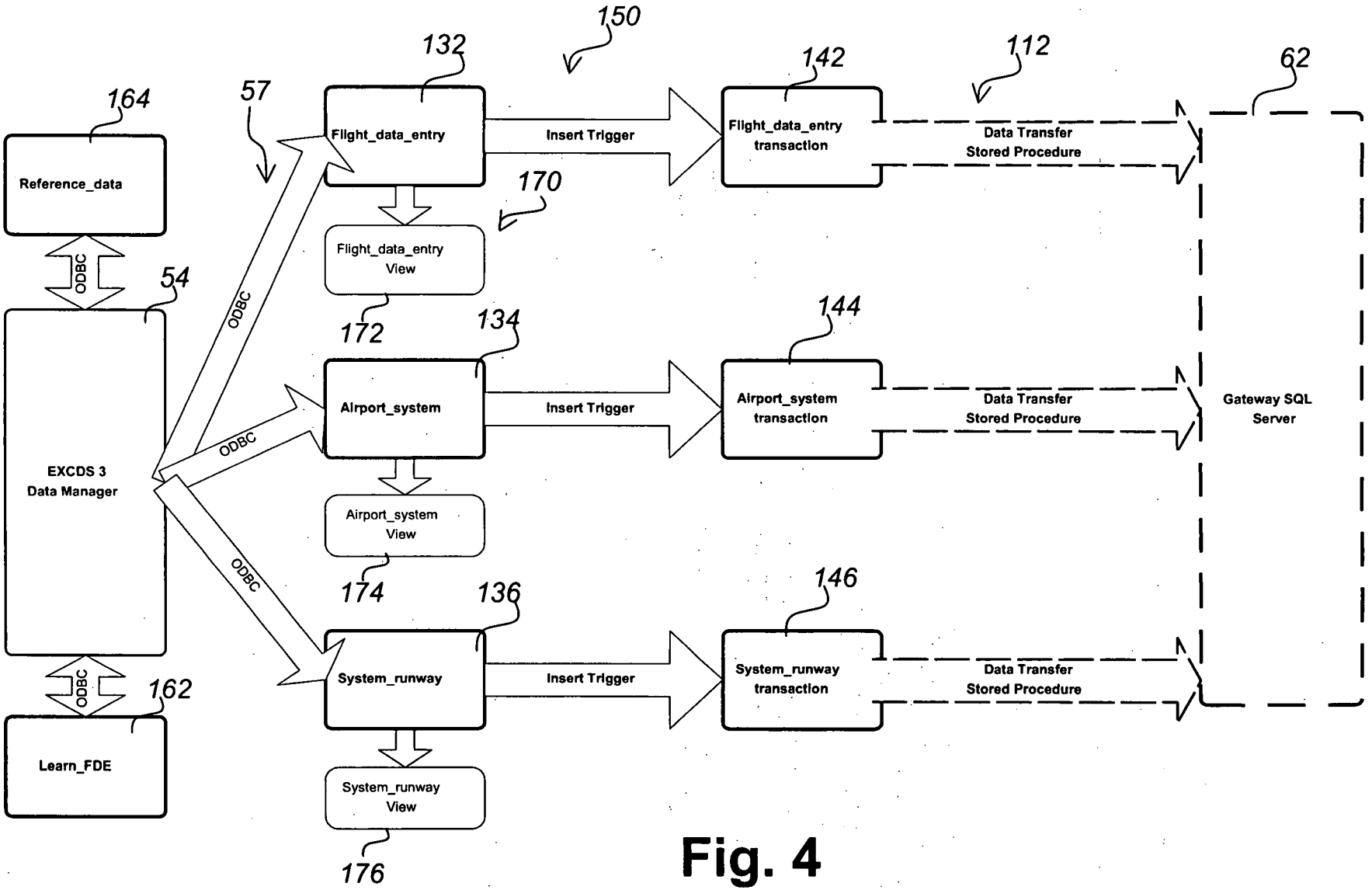
150
132
142
112
62
164
57
Flight_data_entry
Insert Trigger
Flight_data_entry transaction
Data Transfer Stored Procedure
Reference_data
170
Flight_data_entry View
ODBC
54
172
134
144
ODBC
Airport_system
Insert Trigger
Airport_system transaction
Data Transfer Stored Procedure
Gateway SQL Server
EXCDS 3 Data Manager
ODBC
Airport_system View
174
136
146
ODBC
System_runway
Insert Trigger
System_runway transaction
Data Transfer Stored Procedure
ODBC
162
Learn_FDE
System_runway View
176

Fig. 4

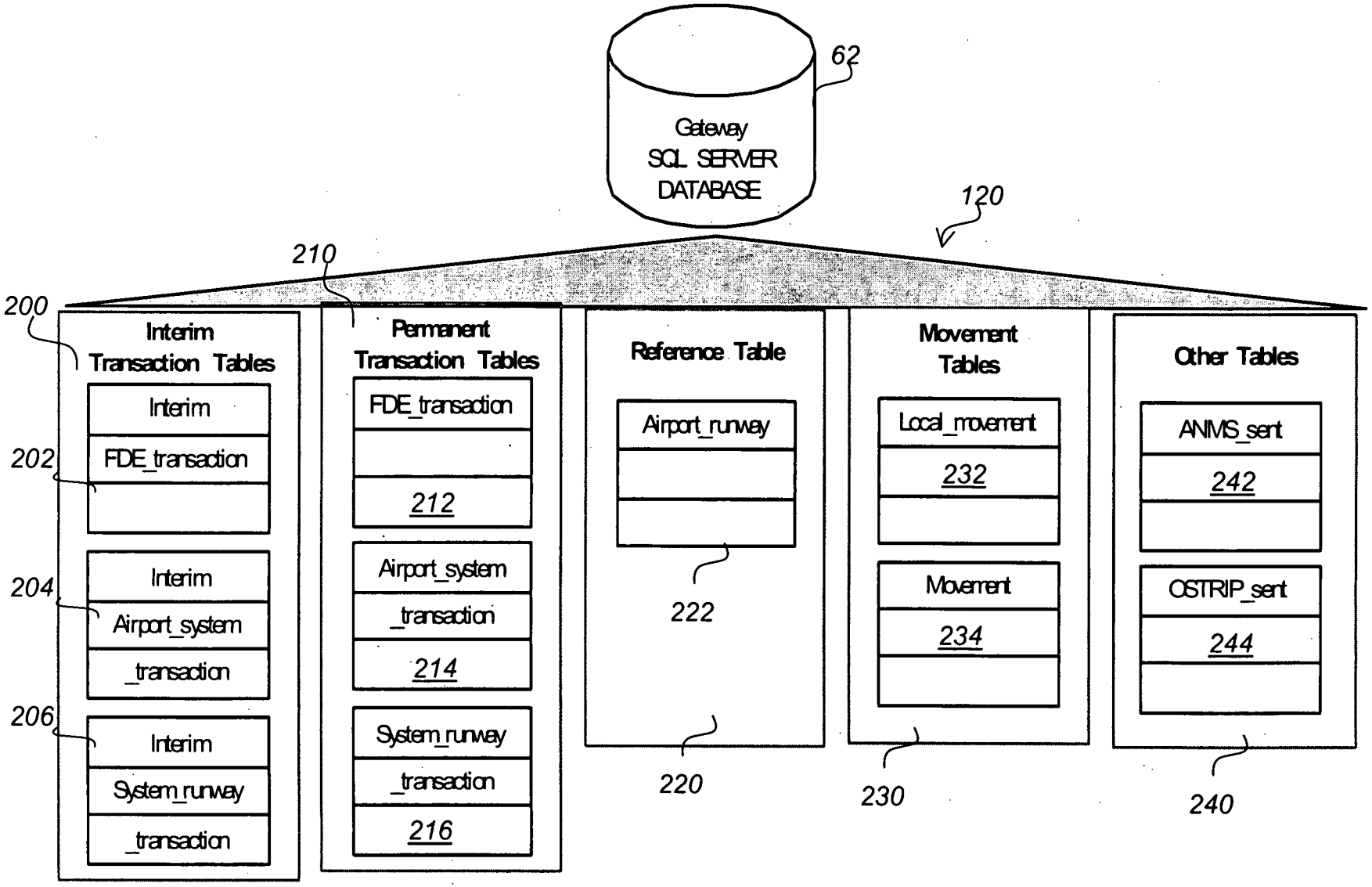
62
Gateway
SQL SERVER
DATABASE
120
210
200
Interim
Transaction Tables
Interim
FDE_transaction
202
Interim
Airport_system
_transaction
204
Interim
System_runway
_transaction
206
Permanent
Transaction Tables
FDE_transaction
212
Airport_system
_transaction
214
System_runway
_transaction
216
Reference Table
Airport_runway
222
220
Movement
Tables
Local_movement
232
Movement
234
230
Other Tables
ANIMS_sent
242
OSTRIP_sent
244
240

Fig. 5

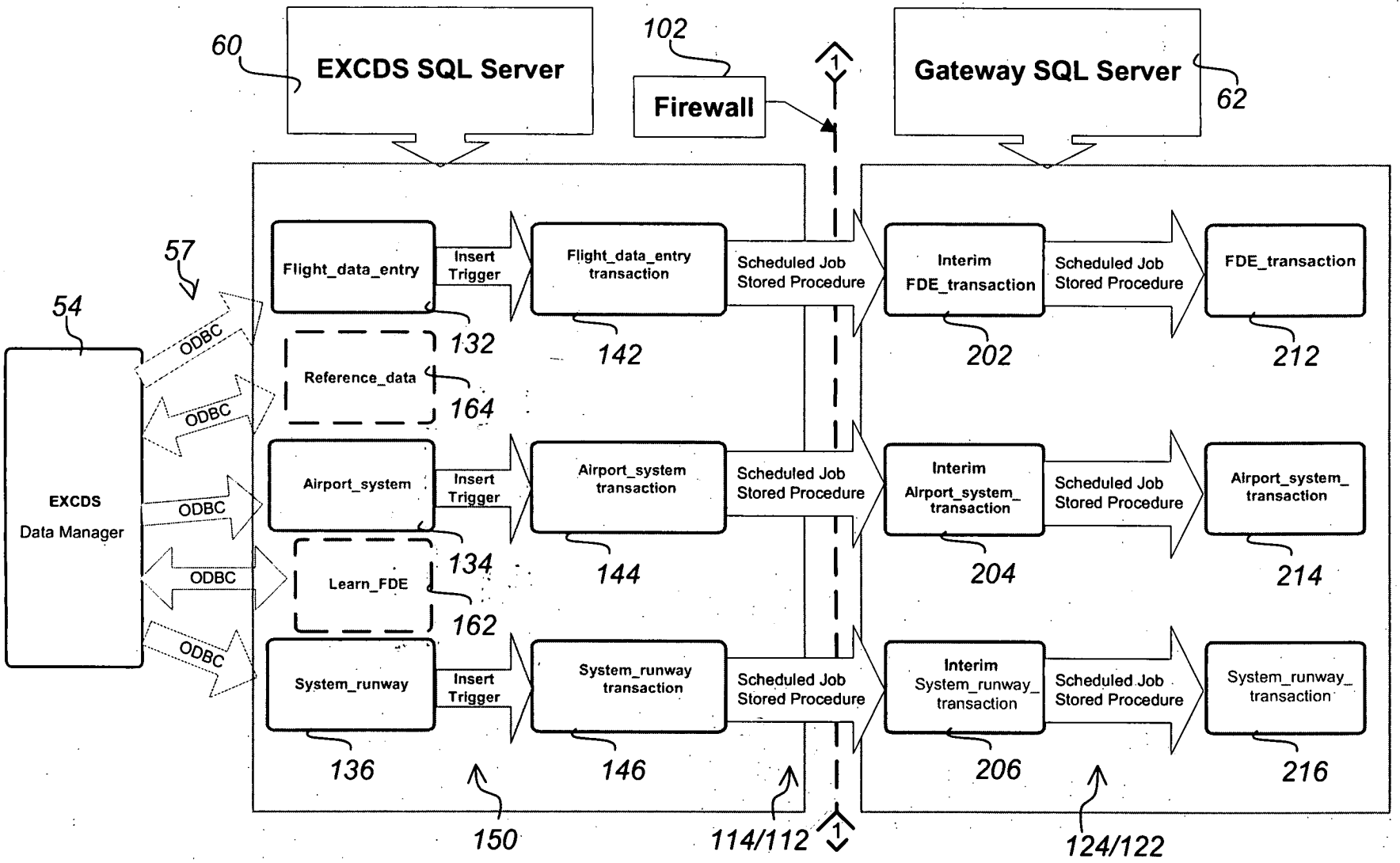
60
EXCDS SQL Server
102
Firewall
Gateway SQL Server
62
57
54
EXCDS
Data Manager
ODBC
ODBC
ODBC
ODBC
ODBC
Flight_data_entry
Insert Trigger
Flight_data_entry transaction
Scheduled Job Stored Procedure
Interim FDE_transaction
Scheduled Job Stored Procedure
FDE_transaction
132
142
202
212
Reference_data
164
Airport_system
Insert Trigger
Airport_system transaction
Scheduled Job Stored Procedure
Interim Airport_system_ transaction
Scheduled Job Stored Procedure
Airport_system_ transaction
134
144
204
214
Learn_FDE
162
System_runway
Insert Trigger
System_runway transaction
Scheduled Job Stored Procedure
Interim System_runway_ transaction
Scheduled Job Stored Procedure
System_runway_ transaction
136
146
206
216
150
114/112
124/122

Fig. 6

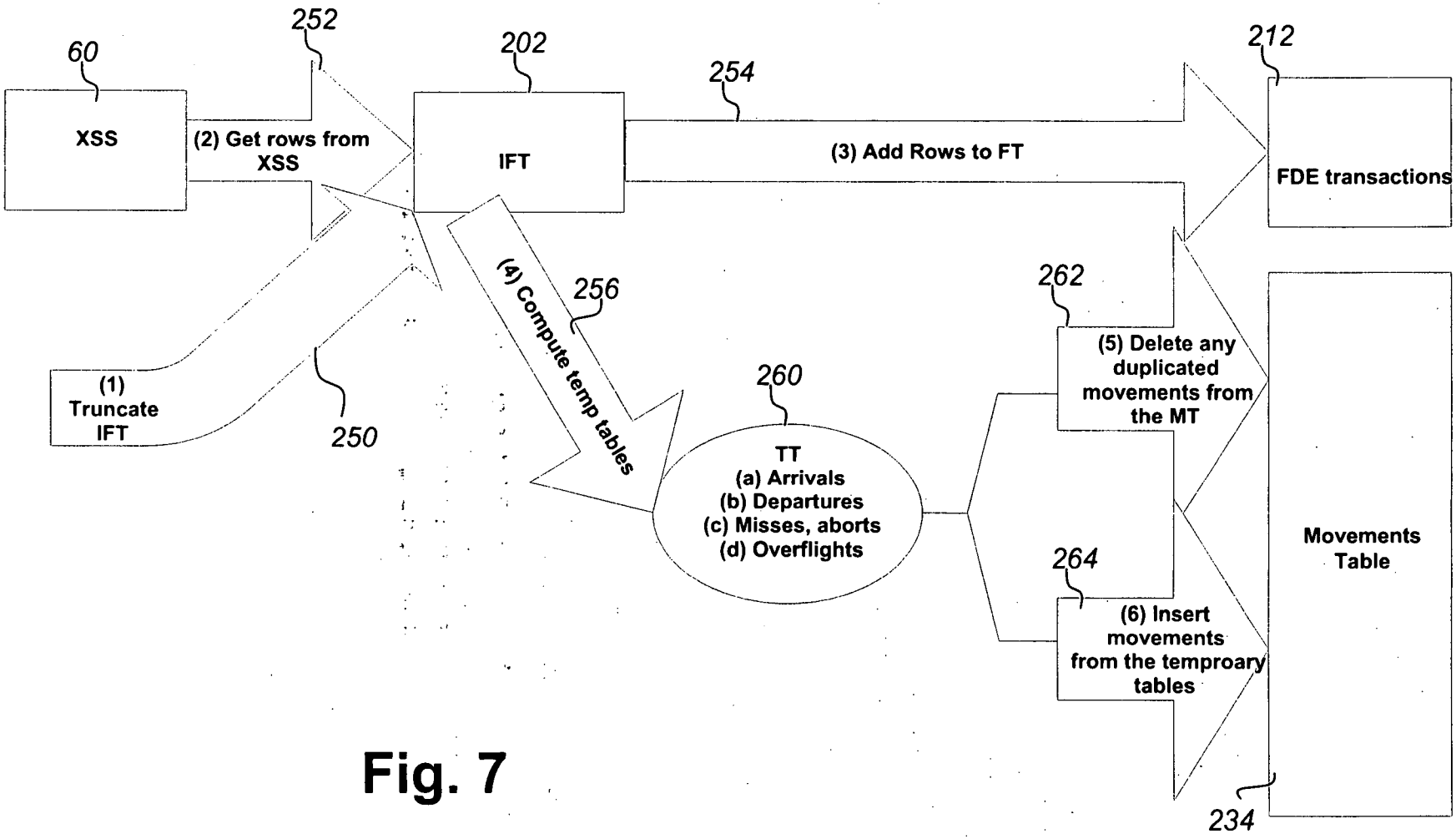
60
XSS
252
(2) Get rows from XSS
202
IFT
254
(3) Add Rows to FT
212
FDE transactions
(1) Truncate IFT
250
(4) Compute temp tables
256
260
TT
(a) Arrivals
(b) Departures
(c) Misses, aborts
(d) Overflights
262
(5) Delete any duplicated movements from the MT
264
(6) Insert movements from the temproary tables
Movements Table
234

Fig. 7

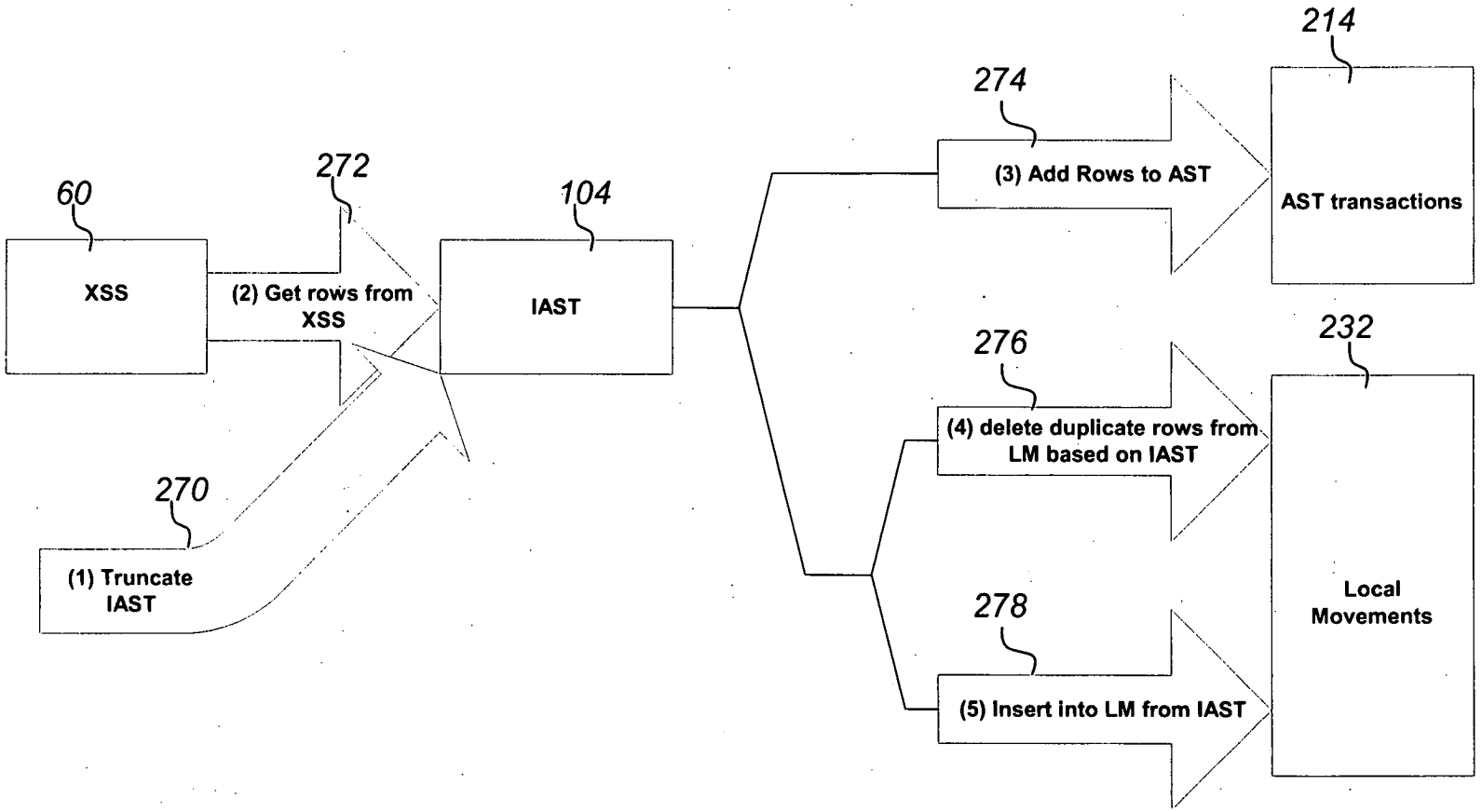
60
XSS
272
(2) Get rows from XSS
104
IAST
270
(1) Truncate IAST
274
(3) Add Rows to AST
214
AST transactions
276
(4) delete duplicate rows from LM based on IAST
232
Local Movements
278
(5) Insert into LM from IAST

Fig. 8

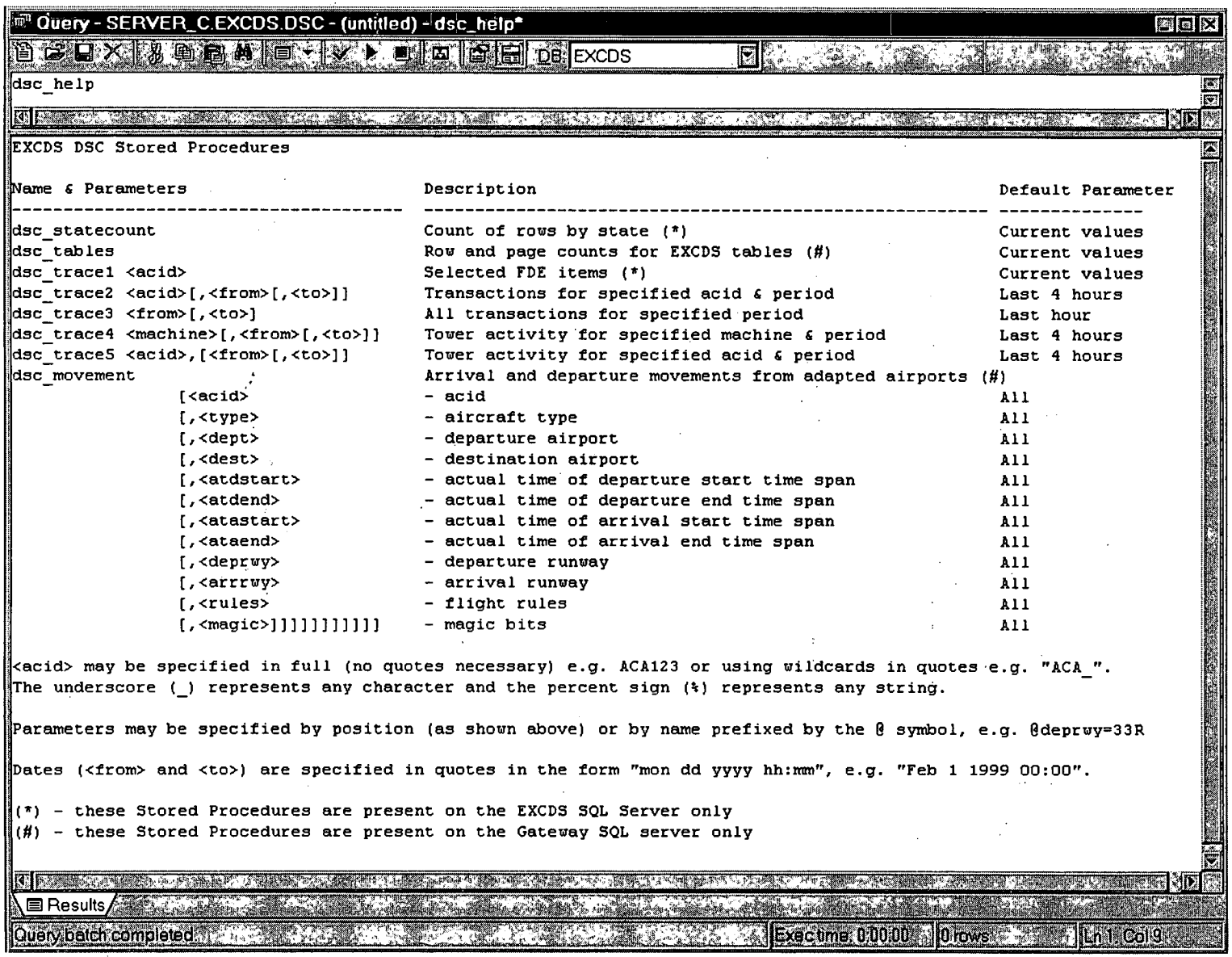
Query - SERVER_C.EXCDS.DSC - (untitled) - dsc_help*
DB: EXCDS
dsc_help
EXCDS DSC Stored Procedures
Name & Parameters
Description
Default Parameter
dsc_statecount
Count of rows by state (*)
Current values
dsc_tables
Row and page counts for EXCDS tables (#)
Current values
dsc_trace1 <acid>
Selected FDE items (*)
Current values
dsc_trace2 <acid>[,<from>[,<to>]]
Transactions for specified acid & period
Last 4 hours
dsc_trace3 <from>[,<to>]
All transactions for specified period
Last hour
dsc_trace4 <machine>[,<from>[,<to>]]
Tower activity for specified machine & period
Last 4 hours
dsc_trace5 <acid>,[<from>[,<to>]]
Tower activity for specified acid & period
Last 4 hours
dsc_movement
Arrival and departure movements from adapted airports (#)
[<acid>
- acid
All
[,<type>
- aircraft type
All
[,<dept>
- departure airport
All
[,<dest>
- destination airport
All
[,<atdstart>
- actual time of departure start time span
All
[,<atdend>
- actual time of departure end time span
All
[,<atastart>
- actual time of arrival start time span
All
[,<ataend>
- actual time of arrival end time span
All
[,<deprwy>
- departure runway
All
[,<arrrwy>
- arrival runway
All
[,<rules>
- flight rules
All
[,<magic>]]]]]]]]]]
- magic bits
All
<acid> may be specified in full (no quotes necessary) e.g. ACA123 or using wildcards in quotes e.g. "ACA_".
The underscore (_) represents any character and the percent sign (%) represents any string.
Parameters may be specified by position (as shown above) or by name prefixed by the @ symbol, e.g. @deprwy=33R
Dates (<from> and <to>) are specified in quotes in the form "mon dd yyyy hh:mm", e.g. "Feb 1 1999 00:00".
(*) - these Stored Procedures are present on the EXCDS SQL Server only
(#) - these Stored Procedures are present on the Gateway SQL server only
Results
Query batch completed.
Execime: 0.00.00
0 rows
Ln 1, Col 9

Fig. 9